

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  MI 04H22/P-WO	<b>FOR FURTHER ACTION</b>  see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/EP2005/007103	International filing date (day/month/year)  01/07/2005	(Earliest) Priority Date (day/month/year)  02/07/2004
Applicant  MICROSULIS LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2005/007103

## Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A radiation applicator(102) for applying electromagnetic radiation to tissue, comprising: an axial central conductor(124) adapted to be coupled to a source of electromagnetic radiation and defining an axis; an elongate dielectric member (126), the dielectric member surrounding at least part of said central conductor along an axial length thereof; a metal ferrule(106), the ferrule being attached to the dielectric member and surrounding a portion of the central conductor and extending parallel thereto along a length thereof. The ferrule and the dielectric member have respective elongate cooperating surfaces and wherein the ferrule and the dielectric member are fixed to each other with said cooperating surfaces in close abutment, thereby providing a rigid structure.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/007103

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61B18/18

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	01 US 2003/088242 A1 (PRAKASH MANI ET AL) 8 May 2003 (2003-05-08) abstract	1-5, 14, 15
Y	paragraph '0010! - paragraph '0011! paragraph '0051! - paragraph '0087!	6-13, 16
Y	02 WO 00/09208 A (K.U. LEUVEN RESEARCH & DEVELOPMENT; NI, YICHENG; MIAO, YI; MARCHAL, GU) 24 February 2000 (2000-02-24) page 4, line 3 - line 18 page 5, line 16 - page 8, line 36	6-13, 16
X	03 WO 2004/033039 A (MICROSULIS LIMITED; CRONIN, NIGEL) 22 April 2004 (2004-04-22) abstract; figure 1 page 3, line 30 - page 5, line 20 ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

21 September 2005

Date of mailing of the international search report

11/10/2005

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/007103

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 4 557 272 A (CARR ET AL) 10 December 1985 (1985-12-10) abstract column 16, line 29 - column 17, line 43 -----</p>	1
A	<p>US 6 223 086 B1 (CARL JAMES R ET AL) 24 April 2001 (2001-04-24) column 15, line 57 - column 16, line 16 -----</p>	5
P,X	<p>WO 2005/011049 A (VIVANT MEDICAL, INC; TUROVSKIY, ROMAN; KIM, STEVEN; PRAKASH, MANI; ROS) 3 February 2005 (2005-02-03) the whole document -----</p>	1,6,16

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/007103

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003088242	A1	08-05-2003	US 2003109862 A1	12-06-2003
			US 2005085881 A1	21-04-2005
			US 2005062666 A1	24-03-2005
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			AU 5365599 A	06-03-2000
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